

EUROPEAN PATENT OFFICE

Serial No. 10/526,663
Docket No. 416272004600

Patent Abstracts of Japan

PUBLICATION NUMBER : 07255304
PUBLICATION DATE : 09-10-95

APPLICATION DATE : 17-03-94
APPLICATION NUMBER : 06071294

APPLICANT : NEW OJI PAPER CO LTD;

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INT.CL. : A01H 4/00

TITLE : METHOD FOR LARGE AMOUNT OF MULTIPLICATION OF PLANT OF GENUS ACACIA

ABSTRACT : PURPOSE: To efficiently carry out a large amount of multiplication of plant of genus Acacia useful for a material for pulp, a cut flower, a flower for a garden, a greening tree, etc., by inducing a tissue piece of a plant of genus Acacia to a callus under a specific condition, redifferentiating a shoot and rooting.

CONSTITUTION: A tissue piece of a plant of genus Acacia is steriley induced to a callus by using a medium prepared by combining 0.01-10.0mg/l of a cytokinin-based plant hormone with 0.-10.0mg/l of an auxin-based plant hormone. Then a shoot is redifferentiated by using the induced callus in a medium prepared by combining 0.01-10.0mg/l auxin-based plant hormone with 0-10.0mg/l of a cytokinin-based plant hormone. Then the redifferentiated shoot is rooted in a medium containing 0.01-10.0mg/l auxin-based plant hormone to multiply a large amount of a plant of genus Acacia.

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